## STATE OF CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986

## CHEMICALS KNOWN TO THE STATE TO CAUSE CANCER OR REPRODUCTIVE TOXICITY November 10, 2017

The Safe Drinking Water and Toxic Enforcement Act of 1986 requires that the Governor revise and republish at least once per year the list of chemicals known to the State to cause cancer or reproductive toxicity. The identification number indicated in the following list is the Chemical Abstracts Service (CAS) Registry Number. No CAS number is given when several substances are presented as a single listing. The date refers to the initial appearance of the chemical on the list. For easy reference, chemicals which are shown underlined are newly added. Chemicals or endpoints shown in strikeout were placed on the Proposition 65 list on the date noted, and have subsequently been removed.

Chemical	Type of Toxicity	CAS No.	Date Listed
A-alpha-C (2-Amino-9H-pyrido [2,3-b]indole)	cancer	26148-68-5	January 1, 1990
Abiraterone acetate	developmental, female, male	154229-18-2	April 8, 2016
Acetaldehyde Acetamide Acetazolamide Acetochlor Acetohydroxamic acid 2-Acetylaminofluorene Acifluorfen sodium Acrylamide Acrylamide Acrylonitrile Actinomycin D  AF-2;[2-(2-furyl)-3-(5-nitro-2-furyl)] acrylamide	cancer cancer developmental cancer developmental cancer cancer cancer developmental, male cancer cancer developmental cancer cancer cancer	75-07-0 60-35-5 59-66-5 34256-82-1 546-88-3 53-96-3 62476-59-9 79-06-1 79-06-1 107-13-1 50-76-0	April 1, 1988 January 1, 1990 August 20, 1999 January 1, 1989 April 1, 1990 July 1, 1987 January 1, 1990 January 1, 1990 February 25, 2011 July 1, 1987 October 1, 1989 October 1, 1992 July 1, 1987
Aflatoxins Alachlor Alcoholic beverages, when associated with alcohol abuse	cancer cancer cancer	 15972-60-8 	January 1, 1988 January 1, 1989 July 1, 1988
Aldrin All-trans retinoic acid Allyl chloride Delisted October 29, 1999	cancer developmental <del>cancer</del>	309-00-2 302-79-4 <del>107-05-1</del>	July 1, 1988 January 1, 1989 <del>January 1, 1990</del>
Aloe Vera, non-decolorized whole leaf extract	cancer		December 4, 2015
Alprazolam Altretamine Amantadine hydrochloride Amikacin sulfate 2-Aminoanthraquinone p-Aminoazobenzene o-Aminoazotoluene 4-Aminobiphenyl (4-amino-	developmental developmental, male developmental developmental cancer cancer cancer cancer	28981-97-7 645-05-6 665-66-7 39831-55-5 117-79-3 60-09-3 97-56-3 92-67-1	July 1, 1990 August 20, 1999 February 27, 2001 July 1, 1990 October 1, 1989 January 1, 1990 July 1, 1987 February 27, 1987

diphopul			
diphenyl) 1-Amino-2,4-dibromo-	cancer	81-49-2	August 26, 1997
anthraquinone			
3-Amino-9-ethylcarbazole	cancer	6109-97-3	July 1, 1989
hydrochloride 2-Aminofluorene	concor	153-78-6	January 20, 1000
Aminoglutethimide	cancer developmental	125-84-8	January 29, 1999 July 1, 1990
Aminoglycosides	developmental		October 1, 1992
1-Amino-2-methylanthraquinone	cancer	82-28-0	October 1, 1989
2-Amino-5-(5-nitro-2-furyl)-1,3,4-	cancer	712-68-5	July 1, 1987
thiadiazole 4-Amino-2-nitrophenol	cancer	119-34-6	January 29, 1999
Aminopterin	developmental, female	54-62-6	July 1, 1987
Amiodarone hydrochloride	developmental, female,	19774-82-4	August 26, 1997
A 16	male	00000 04 4	M
Amitraz Amitrole	developmental cancer	33089-61-1 61-82-5	March 30, 1999 July 1, 1987
Amoxapine	developmental	14028-44-5	May 15, 1998
Amsacrine	cancer	51264-14-3	August 7, 2009
tert-Amyl methyl ether	developmental	994-05-8	December 18, 2009
Delisted December 13, 2013	formale male		Amril 1 1000
Anabolic steroids Analgesic mixtures containing	female, male cancer		April 1, 1990 February 27, 1987
phenacetin	Carroer		1 Coldary 21, 1001
Androstenedione	cancer	63-05-8	May 3, 2011
Angiotensin converting enzyme	developmental		October 1, 1992
(ACE) inhibitors Aniline	cancer	62-53-3	January 1, 1990
Aniline hydrochloride	cancer	142-04-1	May 15, 1998
o-Anisidine	cancer	90-04-0	July 1, 1987
o-Anisidine hydrochloride	cancer	134-29-2	July 1, 1987
Anisindione	developmental	117-37-3 84-65-1	October 1, 1992 September 28, 2007
Anthraquinone Antimony oxide (Antimony trioxide)	cancer cancer	1309-64-4	October 1, 1990
Aramite	cancer	140-57-8	July 1, 1987
Areca nut	cancer		February 3, 2006
Aristolochic acids	cancer		July 9, 2004
Arsenic (inorganic arsenic compounds)	cancer	<del></del>	February 27, 1987
Arsenic (inorganic oxides)	developmental		May 1, 1997
Asbestos	cancer	1332-21-4	February 27, 1987
Aspirin (NOTE: It is especially	developmental, female	50-78-2	July 1, 1990
important not to use aspirin during the last three months of			
pregnancy, unless specifically			
directed to do so by a physician			
because it may cause problems			
in the unborn child or complications during delivery.)			
Atenolol	developmental	29122-68-7	August 26, 1997
Atrazine	developmental, female	1912-24-9	July 15, 2016
Auramine	cancer	492-80-8	July 1, 1987
Auranofin	developmental	34031-32-8	January 29, 1999
Avermectin B1 (Abamectin) Azacitidine	developmental cancer	71751-41-2 320-67-2	December 3, 2010 January 1, 1992
Azaserine	cancer	115-02-6	July 1, 1987
Azathioprine	cancer	446-86-6	February 27, 1987

4-09-8 May 15 04-35-2 July 1, 406-68-7 July 1, 55-3 July 1, 43-2 Februa 37-5 Februa Octobe -99-2 July 1, -82-3 July 1, -89-6 Octobe -61-9 June 2, 32-8 July 1, 1,-22-3 April 1,	1991 2008 1987 1y 27, 1987 1ber 26, 1997 1ry 27, 1987 er 1, 1992 1987 1987 1987 er 1, 1990 2, 2012
4-09-3 July 1, Octobe Januar	1990 y 1, 1990 1987 er 1, 1987 y 1, 1990 ery 3, 2006
-44-4 April 1, -03-1 Februa	1988 ery 27, 1987
-93-8 July 1,	1987
-93-8 July 1,	1990
-88-1 Februa Octobe	iry 27, 1987 er 29, 1999
05-7 May 11 05-7 April 1	I, 2015 1 <del>, 2013</del>
Januar	y 1, 1990
04-19-6 May 18 04-19-6 Januar	y 17, 2003 I, 2002 2010 I, 2016 y 1, 1990 Iber 22, 2000
	Januar Januar  Januar  Januar  J4-19-6 May 18  J4-19-6 Januar  J4-45-4 May 31  J6-8 April 6,  J6-4 Januar  Januar  Januar  Januar  Januar  Januar  Januar  Januar  Januar  Januar

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Bromoxynil	developmental	1689-84-5	October 1, 1990
Bromoxynil octanoate	developmental	1689-99-2	May 18, 1999
Butabarbital sodium	developmental	143-81-7	October 1, 1992
1,3-Butadiene	cancer	106-99-0	April 1, 1988
1,3-Butadiene	developmental, female, male	106-99-0	April 16, 2004
1,4-Butanediol dimethanesulfonate	cancer	55-98-1	February 27, 1987
(Busulfan)	dandan	00 00 1	1 oblidary 21, 1001
1,4-Butanediol dimethanesulfonate	developmental	55-98-1	January 1, 1989
_(Busulfan)	•		
Butylated hydroxyanisole	cancer	25013-16-5	January 1, 1990
Butyl benzyl phthalate (BBP)	developmental	85-68-7	December 2, 2005
n-Butyl glycidyl ether Delisted April 4, 2014	male	2426-08-6	August 7, 2009
beta-Butyrolactone	cancer	3068-88-0	July 1, 1987
Canadalia asid		75 CO 5	May 4, 4000
Cacodylic acid Cadmium	cancer	75-60-5 	May 1, 1996 May 1, 1997
Cadmium and cadmium	developmental, male cancer		October 1, 1987
compounds	caricei		October 1, 1007
Caffeic acid	cancer	331-39-5	October 1, 1994
Captafol	cancer	2425-06-1	October 1, 1988
Captan	cancer	133-06-2	January 1, 1990
Carbamazepine	developmental	298-46-4	January 29, 1999
Carbaryl	cancer	63-25-2	February 5, 2010
Carbaryl	developmental, female, male	63-25-2	August 7, 2009
Carbazole	cancer	86-74-8	May 1, 1996
Carbon black (airborne, unbound	cancer	1333-86-4	February 21, 2003
particles of respirable size)			2., 2., 2
Carbon-black extracts	cancer		January 1, 1990
Carbon disulfide	developmental, female,	75-15-0	July 1, 1989
O - de - o o o - o - o de -	male	000 00 0	l144000
Carbon monoxide Carbon tetrachloride	developmental	630-08-0 56-23-5	July 1, 1989 October 1, 1987
Carbon tetrachlonde	cancer developmental	41575-94-4	October 1, 1987 July 1, 1990
N-Carboxymethyl-N-nitrosourea	cancer	60391-92-6	January 25, 2002
Catechol	cancer	120-80-9	July 15, 2003
Ceramic fibers (airborne particles	cancer		July 1, 1990
of respirable size)			
Certain combined chemotherapy	cancer		February 27, 1987
for lymphomas	dovolopmental	474 OF O	April 1 1000
Chenodiol Chloral	developmental cancer	474-25-9 75-87-6	April 1, 1990 September 13, 2013
Chloral hydrate	cancer	302-17-0	September 13, 2013
Chlorambucil	cancer	305-03-3	February 27, 1987
Chlorambucil	developmental	305-03-3	January 1, 1989
Chloramphenicol	cancer	56-75-7	October 1, 1989
Delisted January 4, 2013		000 57 0	0
Chloramphenicol sodium succinate	cancer	982-57-0	September 27, 2013
Chlorcyclizine hydrochloride Chlordane	developmental cancer	1620-21-9 57-74-9	July 1, 1987 July 1, 1988
Chlordecone (Kepone)	cancer	143-50-0	January 1, 1988
Chlordecone (Kepone)	developmental	143-50-0	January 1, 1989
Chlordiazepoxide	developmental	58-25-3	January 1, 1992
Chlordiazepoxide hydrochloride	developmental	438-41-5	January 1, 1992

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Chlordimeform	cancer	6164-98-3	January 1, 1989
Chlorendic acid	cancer	115-28-6	July 1, 1989
Chlorinated paraffins (Average	cancer	108171-26-2	July 1, 1989
chain length, C12; approximately			
60 percent chlorine by weight)	concor	106 17 9	Octobor 1 1004
p-Chloroaniline	cancer	106-47-8 20265-96-7	October 1, 1994
p-Chloroaniline hydrochloride Chlorodibromomethane	cancer	124-48-1	May 15, 1998
Delisted October 29, 1999	cancer	12440T	January 1, 1990
Chloroethane (Ethyl chloride)	cancer	75-00-3	July 1, 1990
1-(2-Chloroethyl)-3-cyclohexyl-	cancer	13010-47-4	January 1, 1988
1-nitrosourea (CCNU) (Lomustine)	cancer	10010-41-4	January 1, 1300
1-(2-Chloroethyl)-3-cyclohexyl-	developmental	13010-47-4	July 1, 1990
1-nitrosourea (CCNU) Lomustine)	dovolopinontal	10010 11 1	odly 1, 1000
1-(2-Chloroethyl)-3-(4-methyl-	cancer	13909-09-6	October 1, 1988
cyclohexyl) -1-nitrosourea			3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
(Methyl-CCNU)			
Chloroform	cancer	67-66-3	October 1, 1987
Chloroform	developmental	67-66-3	August 7, 2009
Chloromethyl methyl ether	cancer	107-30-2	February 27, 1987
(technical grade)			•
3-Chloro-2-methylpropene	cancer	563-47-3	July 1, 1989
1-Chloro-4-nitrobenzene	cancer	100-00-5	October 29, 1999
4-Chloro- <i>o</i> -phenylenediamine	cancer	95-83-0	January 1, 1988
Chloroprene	cancer	126-99-8	June 2, 2000
2-Chloropropionic acid	male	598-78-7	August 7, 2009
Chlorothalonil	cancer	1897-45-6	January 1, 1989
<i>p</i> -Chloro- <i>o</i> -toluidine	cancer	95-69-2	January 1, 1990
<i>p</i> -Chloro- <i>o</i> -toluidine, strong acid	cancer		May 15, 1998
salts of			0 1 1 04 4007
5-Chloro- <i>o</i> -toluidine and	cancer		October 24, 1997
its strong acid salts	concer	ECO E7 2	Contombor 1 1006
Chlorotrianisene	cancer	569-57-3 54749-90-5	September 1, 1996 January 1, 1992
Chlorozotocin Chlorsulfuron	cancer developmental, female,	64902-72-3	May 14, 1999
Delisted June 6, 2014	male	<del>61362123</del>	<del>1714y 1/1, 1333</del>
Chromium (hexavalent compounds)			February 27, 1987
Chromium (hexavalent compounds)	developmental, female,		December 19, 2008
Omormani (nexavalent compounds)	male		Becelliber 10, 2000
Chrysene	cancer	218-01-9	January 1, 1990
C.I. Acid Red 114	cancer	6459-94-5	July 1, 1992
C.I. Basic Red 9	cancer	569-61-9	July 1, 1989
monohydrochloride			- ,
C.I. Direct Blue 15	cancer	2429-74-5	August 26, 1997
C.I. Direct Blue 218	cancer	28407-37-6	August 26, 1997
C.I. Disperse Yellow 3	cancer	2832-40-8	February 8, 2013
C.I. Solvent Yellow 14	cancer	842-07-9	May 15, 1998
Ciclosporin (Cyclosporin A;	cancer	59865-13-3	January 1, 1992
Cyclosporine)		79217-60-0	
Cidofovir	cancer, developmental,	113852-37-2	January 29, 1999
	female, male	27.00.0	
Cinnamyl anthranilate	cancer	87-29-6	July 1, 1989
Cisplatin	cancer	15663-27-1	October 1, 1988
Citrus Red No. 2	cancer	6358-53-8	October 1, 1989
Clarithromycin	developmental	4291-63-8 81103-11-9	September 1, 1996
Clarithromycin Clobetasol propionate	developmental developmental, female	25122-46-7	May 1, 1997 May 15, 1998
Cionerasoi highioliare	uevelopilietital, lettiale	20122-40-1	iviay 13, 1330

Clofibrate Clomiphene citrate Clomiphene citrate Clorazepate dipotassium CMNP (pyrazachlor) Cobalt metal powder Cobalt [II] oxide Cobalt sulfate Cobalt sulfate heptahydrate Cocaine Coconut oil diethanolamine condensate (cocamide diethanolamine)	cancer cancer developmental developmental cancer cancer cancer cancer cancer developmental, female cancer	637-07-0 50-41-9 50-41-9 57109-90-7 6814-58-0 7440-48-4 1307-96-6 10124-43-3 10026-24-1 50-36-2	September 1, 1996 May 24, 2013 April 1, 1990 October 1, 1992 August 25, 2015 July 1, 1992 July 1, 1992 May 20, 2005 June 2, 2000 July 1, 1989 June 22, 2012
Codeine phosphate Coke oven emissions Colchicine Conjugated estrogens Conjugated estrogens Creosotes p-Cresidine Cumene Cupferron Cyanazine Cycasin Cycloate Cyclohexanol January 25, 2002	developmental cancer developmental, male cancer developmental cancer cancer cancer cancer developmental cancer developmental cancer developmental male	52-28-8  64-86-8   120-71-8 98-82-8 135-20-6 21725-46-2 14901-08-7 1134-23-2 108-93-0	May 15, 1998 February 27, 1987 October 1, 1992 February 27, 1987 April 1, 1990 October 1, 1988 January 1, 1988 April 6, 2010 January 1, 1988 April 1, 1990 January 1, 1988 March 19, 1999 November 6, 1998
Cycloheximide Cyclopenta[cd]pyrene Cyclophosphamide (anhydrous) Cyclophosphamide (anhydrous)	developmental cancer cancer developmental, female, male	66-81-9 27208-37-3 50-18-0 50-18-0	January 1, 1989 April 29, 2011 February 27, 1987 January 1, 1989
Cyclophosphamide (hydrated) Cyclophosphamide (hydrated)	cancer developmental, female, male	6055-19-2 6055-19-2	February 27, 1987 January 1, 1989
Cyhexatin Cytarabine Cytembena	developmental developmental cancer	13121-70-5 147-94-4 21739-91-3	January 1, 1989 January 1, 1989 May 15, 1998
D&C Orange No. 17 D&C Red No. 8 D&C Red No. 9 D&C Red No. 19 Dacarbazine Dacarbazine Daminozide Danazol Dantron (Chrysazin; 1,8- Dihydroxyanthraquinone) Daunomycin Daunorubicin hydrochloride 2,4-D butyric acid DDD (Dichlorodiphenyl- dichloroethane) DDE (Dichlorodi-	cancer cancer cancer cancer cancer cancer developmental cancer developmental cancer cancer developmental developmental developmental developmental cancer cancer	3468-63-1 2092-56-0 5160-02-1 81-88-9 4342-03-4 4342-03-4 1596-84-5 17230-88-5 117-10-2 20830-81-3 23541-50-6 94-82-6 72-54-8	July 1, 1990 October 1, 1990 July 1, 1990 July 1, 1990 January 1, 1988 January 29, 1999 January 1, 1990 April 1, 1990 January 1, 1992  January 1, 1988 July 1, 1990 June 18, 1999 January 1, 1989  January 1, 1989
phenyldichloroethylene)	called	12-00-8	January 1, 1909

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DDT (Dichlorodi-	cancer	50-29-3	October 1 , 1987
phenyltrichloroethane)			- ,
o,p'-DĎT	developmental, female,	789-02-6	May 15, 1998
-,p	male		
p,p'-DDT	developmental, female,	50-29-3	May 15, 1998
p,p	male	00 20 0	May 10, 1000
DDVP (Dichlorvos)	cancer	62-73-7	January 1, 1989
Demeclocycline hydrochloride	developmental	64-73-3	January 1, 1992
(internal use)	developmental formula	0400 05 4	L.L. 45 0040
Des-ethyl atrazine (DEA)	developmental, female	6190-65-4	July 15, 2016
Des-isopropyl atrazine (DIA)	developmental, female	1007-28-9	July 15, 2016
N,N'-Diacetylbenzidine	cancer	613-35-4	October 1, 1989
2,4-Diaminoanisole	cancer	615-05-4	October 1, 1990
2,4-Diaminoanisole sulfate	cancer	39156-41-7	January 1, 1988
2,4-Diamino-6-chloro- <i>s</i> -triazine	developmental, female	3397-62-4	July 15, 2016
(DACT)	-		
4,4'-Diáminodiphenyl ether	cancer	101-80-4	January 1, 1988
(4,4'-Oxydianiline)			,
2,4-Diaminotoluené	cancer	95-80-7	January 1, 1988
Diaminotoluene (mixed)	cancer	son took took	January 1, 1990
Delisted November 20, 2015			ourisiary i, iooo
Diazepam	developmental	439-14-5	January 1, 1992
Diazoaminobenzene	cancer	136-35-6	May 20, 2005
Diazoxide	developmental	364-98-7	February 27, 2001
	•	226-36-8	
Dibenz[a,h]acridine	cancer		January 1, 1988
Dibenz[a,j]acridine	cancer	224-42-0	January 1, 1988
Dibenzanthracenes	cancer	 045 50 7	December 26, 2014
Dibenz[a,c]anthracene	cancer	215-58-7	December 26, 2014
Dibenz[a,h]anthracene	cancer	53-70-3	January 1, 1988
Dibenz[a,j]anthracene	cancer	224-41-9	December 26, 2014
7H-Dibenzo[c,g]carbazole	cancer	194-59-2	January 1, 1988
Dibenzo[a,e]pyrene	cancer	192-65-4	January 1, 1988
Dibenzo[a,h]pyrene	cancer	189-64-0	January 1, 1988
Dibenzo[a,i]pyrene	cancer	189-55-9	January 1, 1988
Dibenzo[a,l]pyrene	cancer	191-30-0	January 1, 1988
Dibromoacetic acid	cancer	631-64-1	June 17, 2008
Dibromoacetonitrile	cancer	3252-43-5	May 3, 2011
1,2-Dibromo-3-chloropropane	cancer	96-12-8	July 1, 1987
(DBCP)	3333.		ca., .,
1,2-Dibromo-3-chloropropane	male	96-12-8	February 27, 1987
(DBCP)	maio	00 12 0	1 051441 / 27 , 1007
2,3-Dibromo-1-propanol	cancer	96-13-9	October 1, 1994
Dichloroacetic acid	cancer	79-43-6	May 1, 1996
Dichloroacetic acid	developmental, male	79- <del>4</del> 3-6	August 7, 2009
p-Dichlorobenzene	•	106-46-7	
	cancer	91-94-1	January 1, 1989
3,3'-Dichlorobenzidine	cancer		October 1, 1987
3,3'-Dichlorobenzidine	cancer	612-83-9	May 15, 1998
dihydrochloride	developmental mode	70 55 0	M
1,1-Dichloro-2,2-bis( <i>p</i> -	developmental, male	72-55-9	March 30, 2010
chlorophenyl)ethylene (DDE)		704440	
1,4-Dichloro-2-butene	cancer	764-41-0	January 1, 1990
3,3'-Dichloro-4,4'-diaminodiphenyl	cancer	28434-86-8	January 1, 1988
ether			
1,1-Dichloroethane	cancer	75-34-3	January 1, 1990
Dichloromethane (Methylene	cancer	75-09-2	April 1, 1988
chloride)			
Dichlorophene	developmental	97-23-4	April 27, 1999
•	•		• ′

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1,2-Dichloropropane 1,3-Dichloro-2-propanol (1,3-DCP) 1,3-Dichloropropene Dichlorphenamide Diclofop-methyl Diclofop methyl Dicumarol Dieldrin Dienestrol Delisted January 4, 2013 Diepoxybutane Diesel engine exhaust Diethanolamine Di(2-ethylhexyl)phthalate (DEHP) Di(2-ethylhexyl)phthalate (DEHP) 1,2-Diethylhydrazine Diethylstilbestrol (DES) Diethylstilbestrol (DES) Diethyl sulfate Diflunisal Diglycidyl ether	cancer cancer cancer developmental cancer developmental developmental cancer cancer cancer cancer cancer cancer cancer developmental, male cancer developmental cancer developmental cancer developmental cancer developmental cancer developmental cancer developmental cancer	78-87-5 96-23-1 542-75-6 120-97-8 51338-27-3 51338-27-3 66-76-2 60-57-1 84-17-3 1464-53-5 111-42-2 117-81-7 1615-80-1 56-53-1 56-53-1 64-67-5 22494-42-4 2238-07-5	January 1, 1990 October 8, 2010 January 1, 1989 February 27, 2001 April 6, 2010 March 5, 1999 October 1, 1992 July 1, 1988 January 1, 1988 October 1, 1990 June 22, 2012 January 1, 1988 October 24, 2003 January 1, 1988 February 27, 1987 July 1, 1987 July 1, 1987 January 1, 1988 January 29, 1999 August 7, 2009
Delisted April 4, 2014 Diglycidyl resorcinol ether (DGRE) Di-n-hexyl phthalate (DnHP) Di-n-butyl phthalate (DBP)	cancer female, male developmental, female, male	101-90-6 84-75-3 84-74-2	July 1, 1989 December 2, 2005 December 2, 2005
Dihydroergotamine mesylate Dihydrosafrole Di-isodecyl phthalate (DIDP)	developmental cancer developmental	6190-39-2 94-58-6 68515-49-1/ 26761-40-0	May 1, 1997 January 1, 1988 April 20, 2007
Diisononyl phthalate (DINP) Diisopropyl sulfate Diltiazem hydrochloride 3,3'-Dimethoxybenzidine	cancer cancer developmental cancer	 2973-10-6 33286-22-5 119-90-4	December 20, 2013 April 1, 1993 February 27, 2001 January 1, 1988
(o-Dianisidine) 3,3'-Dimethoxybenzidine dihydrochloride	cancer	20325-40-0	October 1, 1990
3,3'-Dimethoxybenzidine-based dyes metabolized to 3,3'-	cancer		June 11, 2004
dimethoxybenzidine N,N-Dimethylacetamide 4-Dimethylaminoazobenzene trans-2-[(Dimethylamino)methyl- imino]-5-[2-(5-nitro-2-furyl)vinyl]- 1,3,4-oxadiazole	developmental, male cancer cancer	127-19-5 60-11-7 55738-54-0	May 21, 2010 January 1, 1988 January 1, 1988
7,12-Dimethylbenz(a)anthracene 3,3'-Dimethylbenzidine (ortho-Tolidine)	cancer cancer	57-97-6 119-93-7	January 1, 1990 January 1, 1988
3,3'-Dimethylbenzidine-based dyes metabolized to 3,3'-	cancer		June 11, 2004
dimethylbenzidine 3,3'-Dimethylbenzidine dihydrochloride	cancer	612-82-8	April 1, 1992
Dimethylcarbamoyl chloride N,N-Dimethylformamide 1,1-Dimethylhydrazine (UDMH) 1,2-Dimethylhydrazine 2,6-Dimethyl-N-nitrosomorpholine	cancer cancer cancer cancer cancer	79-44-7 68-12-2 57-14-7 540-73-8 1456-28-6	January 1, 1988 October 27, 2017 October 1, 1989 January 1, 1988 February 8, 2013

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(DMNM)			
(DMNM) Dimethyl sulfate N,N-Dimethyl-p-toluidine Dimethylvinylchloride m-Dinitrobenzene o-Dinitrobenzene p-Dinitrobenzene 3,7-Dinitrofluoranthene 3,9-Dinitrofluoranthene 1,3-Dinitropyrene 1,6-Dinitropyrene 1,8-Dinitropyrene Dinitrotoluene (technical grade) 2,4-Dinitrotoluene 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2,6-Dinitrotoluene Dinitrotoluene mixture, 2,4-/2,6-Dinocap Dinoseb	cancer cancer cancer male male male cancer cancer cancer cancer cancer female, male cancer male cancer male cancer developmental developmental, male	77-78-1 99-97-8 513-37-1 99-65-0 528-29-0 100-25-4 105735-71-5 22506-53-2 75321-20-9 42397-64-8 42397-65-9  121-14-2 121-14-2 606-20-2 606-20-2  39300-45-3 88-85-7	January 1, 1988 May 2, 2014 July 1, 1989 July 1, 1990 July 1, 1990 July 1, 1990 August 26, 1997 August 26, 1997 November 2, 2012 October 1, 1990 October 1, 1990 August 20, 1999 July 1, 1988 August 20, 1999 July 1, 1988 August 20, 1999 July 1, 1995 August 20, 1999 May 1, 1996 April 1, 1990 January 1, 1989
Di- <i>n</i> -propyl isocinchomeronate	cancer	136-45-8	May 1, 1996
(MGK Repellent 326) 1,4-Dioxane Diphenylhydantoin (Phenytoin) Diphenylhydantoin (Phenytoin) Diphenylhydantoin (Phenytoin),	cancer cancer developmental cancer	123-91-1 57-41-0 57-41-0 630-93-3	January 1, 1988 January 1, 1988 July 1, 1987 January 1, 1988
sodium salt Direct Black 38 (technical grade) Direct Blue 6 (technical grade) Direct Brown 95 (technical grade) Disodium cyanodithioimido- carbonate	cancer cancer cancer developmental	1937-37-7 2602-46-2 16071-86-6 138-93-2	January 1, 1988 January 1, 1988 October 1, 1988 March 30, 1999
Disperse Blue 1 Diuron Doxorubicin hydrochloride	cancer cancer cancer	2475-45-8 330-54-1 25316-40-9	October 1, 1990 May 31, 2002 July 1, 1987
(Adriamycin) Doxorubicin hydrochloride	developmental, male	25316-40-9	January 29, 1999
(Adriamycin) Doxycycline (internal use) Doxycycline calcium (internal use) Doxycycline hyclate (internal use) Doxycycline monohydrate (internal use)	developmental developmental developmental developmental	564-25-0 94088-85-4 24390-14-5 17086-28-1	July 1, 1990 January 1, 1992 October 1, 1991 October 1, 1991
2,1-DP (dichloroprop) Delisted January 25, 2002	developmental	<del>120-36-5</del>	April 27, 1999
Emissions from combustion of coal Emissions from high-temperature unrefined rapeseed oil	cancer cancer		August 7, 2013 January 3, 2014
Endrin Environmental tobacco smoke	developmental developmental	72-20-8 	May 15, 1998 June 9, 2006
(ETS) Epichlorohydrin Epichlorohydrin Epoxiconazole Ergotamine tartrate	cancer male cancer developmental	106-89-8 106-89-8 135319-73-2 379-79-3	October 1, 1987 September 1, 1996 April 15, 2011 April 1, 1990
	_	_	

Erionite	cancer	12510-42-8/ 66733-21-9	October 1, 1988
Estradiol 17B	oenoor	50-28-2	January 1, 1000
	cancer		January 1, 1988
Estragole	cancer	140-67-0	October 29, 1999
Estrogens, steroidal	cancer		August 19, 2005
Estrogen-progestogen (combined)	cancer		November 4, 2011
used as menopausal therapy			
Estrone	cancer	53-16-7	January 1, 1988
Estropipate	cancer, developmental	7280-37-7	August 26, 1997
Ethanol in alcoholic beverages	cancer		April 29, 2011
Ethinylestradiol	cancer	57-63-6	January 1, 1988
Ethionamide	developmental	536-33-4	August 26, 1997
Ethoprop	cancer	13194-48-4	February 27, 2001
Ethyl acrylate	cancer	140-88-5	July 1, 1989
Ethyl alcohol in alcoholic beverages	developmental		October 1, 1987
Ethylbenzene	cancer	100-41-4	June 11, 2004
Ethyl-tert-butyl ether	male	637-92-3	December 18, 2009
Delisted December 13, 2013	maio	<del>007-02-0</del>	<del>2000/1100/100/2000</del>
	dovolonmental	759-94-4	April 27 1000
Ethyl dipropylthiocarbamate	developmental		April 27, 1999
Ethyl-4,4'-dichlorobenzilate	cancer	510-15-6	January 1, 1990
Ethylene dibromide	cancer	106-93-4	July 1, 1987
Ethylene dibromide	developmental, male	106-93-4	May 15, 1998
Ethylene dichloride (1,2-	cancer	107-06-2	October 1, 1987
_Dichloroethane)			
Ethylene glycol (ingested)	developmental	107-21-1	June 19, 2015
Ethylene glycol monoethyl ether	developmental, male	110-80-5	January 1, 1989
Ethylene glycol monoethyl	developmental, male	111-15-9	January 1, 1993
ether acetate			
Ethylene glycol monomethyl ether	developmental, male	109-86-4	January 1, 1989
Ethylene glycol monomethyl	developmental, male	110-49-6	January 1, 1993
ether acetate	•		-
Ethyleneimine (Aziridine)	cancer	151-56-4	January 1, 1988
Ethylene oxide	cancer	75-21-8	July 1, 1987
Ethylene oxide	female	75-21-8	February 27, 1987
Ethylene oxide	developmental, male	75-21-8	August 7, 2009
Ethylene thiourea	cancer of	96-45-7	January 1, 1988
Ethylene thiourea	developmental	96-45-7	January 1, 1993
2-Ethylhexanoic acid	developmental	149-57-5	August 7, 2009
Delisted December 13, 2013		1 1 40 40 1 40	
Ethyl methanesulfonate	cancer	62-50-0	January 1, 1988
Etodolac	developmental, female	41340-25-4	August 20, 1999
Etoposide	cancer	33419-42-0	November 4, 2011
Etoposide	developmental	33419-42-0	July 1, 1990
Etoposide in combination with	cancer		November 4, 2011
	Caricei		November 4, 2011
cisplatin and bleomycin Etretinate	developmental	54350-48-0	July 1, 1987
Litetinate	developmental	34330-40-0	July 1, 1901
Fenoxaprop ethyl	developmental	66441-23-4	March 26, 1999
Fenoxycarb	cancer	72490-01-8	June 2, 2000
Filgrastim		121181-53-1	
	developmental	69806-50-4	February 27, 2001
Fluazifop butyl	developmental		November 6, 1998
Flunisolide	developmental, female	3385-03-3	May 15, 1998
Fluorouracil	developmental	51-21-8 76-42-7	January 1, 1989
Fluoxymesterone	developmental	76-43-7	April 1, 1990
Flurazepam hydrochloride	developmental	1172-18-5	October 1, 1992
Flurbiprofen	developmental, female	5104-49-4	August 20, 1999

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Flutamide Fluticasone propionate Fluvalinate Folpet Formaldehyde (gas) 2-(2-Formylhydrazino)-4- (5-nitro-2-furyl)thiazole	developmental developmental developmental cancer cancer cancer	13311-84-7 80474-14-2 69409-94-5 133-07-3 50-00-0 3570-75-0	July 1, 1990 May 15, 1998 November 6, 1998 January 1, 1989 January 1, 1988 January 1, 1988
Fumonisin B <sub>1</sub> Furan Furazolidone Furfuryl alcohol Furmecyclox Fusarin C	cancer cancer cancer cancer cancer cancer	116355-83-0 110-00-9 67-45-8 98-00-0 60568-05-0 79748-81-5	November 14, 2003 October 1, 1993 January 1, 1990 September 30, 2016 January 1, 1990 July 1, 1995
Gallium arsenide Ganciclovir	cancer cancer, developmental, male	1303-00-0 82410-32-0	August 1, 2008 August 26, 1997
Ganciclovir sodium Gasoline engine exhaust (condensates/extracts)	developmental, male cancer	107910-75-8 	August 26, 1997 October 1, 1990
Gemfibrozil Gemfibrozil Glass wool fibers (inhalable and biopersistent)	cancer female, male cancer	25812-30-0 25812-30-0 	December 22, 2000 August 20, 1999 July 1, 1990
Glu-P-1 (2-Amino-6-methyldipyrido [1,2- a:3',2'-d]imidazole)	cancer	67730-11-4	January 1, 1990
Glu-P-2 (2-Aminodipyrido [1,2-a:3',2'-d]imidazole)	cancer	67730-10-3	January 1, 1990
Glycidaldehyde Glycidol Glyphosate Goldenseal root powder Goserelin acetate	cancer cancer cancer cancer developmental, female,	765-34-4 556-52-5 1071-83-6  65807-02-5	January 1, 1988 July 1, 1990 July 7, 2017 December 4, 2015 August 26, 1997
Griseofulvin Gyromitrin (Acetaldehyde methylformylhydrazone)	male cancer cancer	126-07-8 16568-02-8	January 1, 1990 January 1, 1988
Halazepam Halobetasol propionate Haloperidol Halothane HC Blue 1 Heptachlor Heptachlor Heptachlor epoxide Herbal remedies containing plant species of the genus <i>Aristolochia</i>	developmental developmental, female developmental cancer cancer developmental cancer cancer	23092-17-3 66852-54-8 52-86-8 151-67-7 2784-94-3 76-44-8 76-44-8 1024-57-3	July 1, 1990 August 20, 1999 January 29, 1999 September 1, 1996 July 1, 1989 July 1, 1988 August 20, 1999 July 1, 1988 July 9, 2004
Hexachlorobenzene Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclohexane (tochnical grado)	cancer developmental cancer cancer	118-74-1 118-74-1 87-68-3 	October 1, 1987 January 1, 1989 May 3, 2011 October 1, 1987
(technical grade) Hexachlorodibenzodioxin	cancer	34465-46-8	April 1, 1988
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Hexachloroethane 2,4-Hexadienal (89% trans, trans isomer; 11% cis, trans isomer)	cancer cancer	67-72-1 	July 1, 1990 March 4, 2005
Hexafluoroacetone Hexamethylphosphoramide Hexamethylphosphoramide 2,5-Hexanedione	developmental, male cancer male male	684-16-2 680-31-9 680-31-9 110-13-4	August 1, 2008 January 1, 1988 October 1, 1994 December 4, 2015
Histrelin acetate Hydramethylnon	developmental developmental, male	 67485-29-4	May 15, 1998 March 5, 1999
Hydrazine	cancer	302-01-2	January 1, 1988
Hydrazine sulfate	cancer	10034-93-2	January 1, 1988
Hydrazobenzene (1,2-Diphenylhydrazine)	cancer	122-66-7	January 1, 1988
Hydrogen cyanide (HCN) and cyanide salts (CN salts)	male		July 5, 2013
1-Hydroxyanthraquinone	cancer	129-43-1	May 27, 2005
Hydroxyurea	developmental	127-07-1	May 1, 1997
Idarubicin hydrochloride	developmental, male	57852-57-0	August 20, 1999
Ifosfamide	developmental	3778-73-2	July 1, 1990
lodine-131 Imazalil	developmental cancer	10043-66-0 35554-44-0	January 1, 1989 May 20, 2011
Indeno[1,2,3-cd]pyrene	cancer	193-39-5	January 1, 1988
Indium phosphide	cancer	22398-80-7	February 27, 2001
IQ (2-Amino-3-methylimidazo	cancer	76180-96-6	April 1, 1990
[4,5-f] quinoline)			
Iprodione	cancer	36734-19-7	May 1, 1996
Iprovalicarb	cancer	140923-17-7 140923-25-7	June 1, 2007
Iron dextran complex	cancer	9004-66-4	January 1, 1988
Isobutyl nitrite	cancer	542-56-3	May 1, 1996
Isoprene Isopyrazam	cancer	78-79-5 881685-58-1	May 1, 1996 July 24, 2012
Isosafrole Delisted	cancer <del>cancer</del>	<del>120-58-1</del>	October 1, 1989
December 8, 2006		k ilimin Vad Vad Vad k	
Isotretinoin	developmental	4759-48-2	July 1, 1987
Isoxaflutole	cancer	141112-29-0	December 22, 2000
Kresoxim-methyl	cancer	143390-89-0	February 3, 2012
Lactofen	cancer	77501-63-4	January 1, 1989
Lasiocarpine	cancer	303-34-4	April 1, 1988
Lead	developmental, female,		February 27, 1987
Load and load compared	male		October 1 1000
Lead and lead compounds Lead acetate	cancer cancer	 301-04-2	October 1, 1992 January 1, 1988
Lead phosphate	cancer	7446-27-7	April 1, 1988
Lead subacetate	cancer	1335-32-6	October 1, 1989
Leather dust	cancer		April 29, 2011
Leuprolide acetate	developmental, female,	74381-53-6	August 26, 1997
Louadana	male	E0 00 7	January 00, 4000
Levodopa Levonorgestrel implants	developmental female	59-92-7 797-63-7	January 29, 1999 May 15, 1998
Levellorgestrer implants	Tomale	131-00-1	IVIAY 13, 1330

Lindane and other hexachloro-	cancer		October 1, 1989
cyclohexane isomers	de cele e escrite l	220 55 0	Manala 40, 4000
Linuron	developmental	330-55-2	March 19, 1999
Lithium carbonate	developmental	554-13-2	January 1, 1991
Lithium citrate	developmental	919-16-4 846-49-1	January 1, 1991
Lorazepam Lovastatin	developmental developmental	75330-75-5	July 1, 1990 October 1, 1992
Lynestrenol	cancer	52-76-6	February 27, 2001
Lyriestrerior	cancer	32-70-0	1 ebidary 21, 2001
Malathion	cancer	121-75-5	May 20, 2016
Malonaldehyde, sodium salt	cancer	24382-04-5	May 3, 2011
Mancozeb	cancer	8018-01-7	January 1, 1990
Maneb	cancer	12427-38-2	January 1, 1990
Marijuana smoke	cancer		June 19, 2009
Me-A-alpha-C (2-Amino-3-methyl-	cancer	68006-83-7	January 1, 1990
9H-pyrido[2,3-b]indole)			
Mebendazole	developmental	31431-39-7	August 20, 1999
Medroxyprogesterone acetate	cancer	71-58-9	January 1, 1990
Medroxyprogesterone acetate	developmental	71-58-9	April 1, 1990
Megestrol acetate	cancer	595-33-5	March 28, 2014
Megestrol acetate	developmental	595-33-5	January 1, 1991
MeIQ (2-Amino-3,4-dimethyl-	cancer	77094-11-2	October 1, 1994
imidazo[4,5-f]quinoline)		77500 04 0	October 1 1004
MelQx (2-Amino-3,8-dimethyl-	cancer	77500-04-0	October 1, 1994
imidazo[4,5-f]quinoxaline)	cancar	148-82-3	Echruary 27, 1097
Melphalan Melphalan	cancer developmental	148-82-3	February 27, 1987 July 1, 1990
Menotropins	developmental	9002-68-0	April 1, 1990
Mepanipyrim	cancer	110235-47-7	July 1, 2008
Meprobamate	developmental	57-53-4	January 1, 1992
2-Mercaptobenzothiazole	cancer	149-30-4	October 27, 2017
Mercaptopurine	developmental	6112-76-1	July 1, 1990
Mercury and mercury compounds	developmental		July 1, 1990
Merphálan	cancer	531-76-0	April 1, 1988
Mestranol	cancer	72-33-3	April 1, 1988
Metam potassium	cancer	137-41-7	December 31, 2010
Methacycline hydrochloride	developmental	3963-95-9	January 1, 1991
Metham sodium	cancer	137-42-8	November 6, 1998
Metham sodium	developmental	137-42-8	May 15, 1998
Methanol	developmental	67-56-1	March 16, 2012
Methazole	developmental	20354-26-1	December 1, 1999
Methimazole	developmental	60-56-0	July 1, 1990
Methotrexate	developmental	59-05-2	January 1, 1989
Methotrexate sodium	developmental	15475-56-6	April 1, 1990
5-Methoxypsoralen with ultraviolet A therapy	cancer	484-20-8	October 1, 1988
8-Methoxypsoralen with	cancer	298-81-7	February 27, 1987
ultraviolet A therapy	Caricei	230-01-7	rebluary 21, 1901
2-Methylaziridine (Propyleneimine)	cancer	75-55-8	January 1, 1988
Methylazoxymethanol	cancer	590-96-5	April 1, 1988
Methylazoxymethanol acetate	cancer	592-62-1	April 1, 1988
Methyl bromide, as a structural	developmental	74-83-9	January 1, 1993
fumigant	<del> -</del>	<del>-</del>	
Methyl carbamate	cancer	598-55-0	May 15, 1998
Methyl chloride	developmental	74-87-3	March 10, 2000
Methyl chloride	male ·	74-87-3	August 7, 2009

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3-Methylcholanthrene	cancer	56-49-5	January 1, 1990
5-Methylchrysene	cancer	3697-24-3	April 1, 1988
4,4'-Methylene bis(2-chloroaniline)	cancer	101-14-4	July 1, 1987
4,4'-Methylene bis(N,N-dimethyl)	cancer	101-61-1	October 1, 1989
benzenamine	Caricei	101-01-1	October 1, 1303
		020 00 0	A m mil 1 1000
4,4'-Methylene bis(2-methylaniline)	cancer	838-88-0	April 1, 1988
4,4'-Methylenedianiline	cancer	101-77-9	January 1, 1988
4,4'-Methylenedianiline	cancer	13552-44-8	January 1, 1988
dihydrochloride			
Methyleugenol	cancer	93-15-2	November 16, 2001
Methylhydrazine and its salts	cancer		July 1, 1992
2-Methylimidazole	cancer	693-98-1	June 22, 2012
4-Methylimidazole		822-36-6	
	cancer		January 7, 2011
Methyl iodide	cancer	74-88-4	April 1, 1988
Methyl isobutyl ketone	cancer	108-10-1	November 4, 2011
Methyl isobutyl ketone (MIBK)	developmental	108-10-1	March 28, 2014
Methyl isocyanate (MIC)	developmental, female	624-83-9	November 12, 2010
Methyl isopropyl ketone	developmental	563-80-4	February 17, 2012
Delisted April 4, 2014	•		*
Methyl mercury	developmental		July 1, 1987
Methylmercury compounds	cancer		May 1, 1996
		66-27-3	
Methyl methanesulfonate	cancer		April 1, 1988
Methyl-n-butyl ketone	male , ,	591-78-6	August 7, 2009
	developmental		December 4, 2015
2-Methyl-1-nitroanthraquinone	cancer	129-15-7	April 1, 1988
(of uncertain purity)			
N-Methyl-N'-nitro-N-	cancer	70-25-7	April 1, 1988
nitrosoguanidine			,
N-Methylolacrylamide	cancer	924-42-5	July 1, 1990
N-Methylpyrrolidone	developmental	872-50-4	June 15, 2001
	•		
α-Methyl styrene (alpha-	cancer	98-83-9	November 2, 2012
Methylstyrene)	e :	00 00 0	
α-Methyl styrene	female	98-83-9	<del>July 29, 2011</del>
Delisted April 4, 2014			
Methyltestosterone	developmental	58-18-4	April 1, 1990
Methylthiouracil	cancer	56-04-2	October 1, 1989
Metiram	cancer	9006-42-2	January 1, 1990
Metiram	developmental	9006-42-2	March 30, 1999
Metronidazole	cancer	443-48-1	January 1, 1988
Michler's ketone	cancer	90-94-8	January 1, 1988
		59467-96-8	
Midazolam hydrochloride	developmental		July 1, 1990
Minocycline hydrochloride	developmental	13614-98-7	January 1, 1992
(internal use)			
Mirex	cancer	2385-85-5	January 1, 1988
Misoprostol	developmental	59122-46-2	April 1, 1990
Mitomycin C	cancer	50-07-7	April 1, 1988
Mitoxantrone hydrochloride	cancer	70476-82-3	January 23, 2015
Mitoxantrone hydrochloride	developmental	70476-82-3	July 1, 1990
Molinate	developmental, female,	2212-67-1	December 11, 2009
Monnate		2212-01-1	December 11, 2009
MONI 4000 /diabless = = 4.14	male	74500 07 0	M
MON 4660 (dichloroacetyl-1-	cancer	71526-07-3	March 22, 2011
oxa-4-azaspiro(4,5)-decane)			
MON 13900 (furilazole)	cancer	121776-33-8	March 22, 2011
3-Monochloropropane-1,2-	cancer	96-24-2	October 8, 2010
diol (3-MCPD)			·
Monocrotaline	cancer	315-22-0	April 1, 1988
MOPP (vincristine-prednisone-	cancer	113803-47-7	November 4, 2011
(			

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nitrogen mustard-procarbazine mixture)			
5-(Morpholinomethyl)-3- [(5-nitrofurfuryl-idene)-	cancer	139-91-3	April 1, 1988
amino]-2-oxazolidinone Mustard Gas	cancer	505-60-2	February 27, 1987
MX (3-chloro-4-(dichloromethyl)	cancer	77439-76-0	December 22, 2000
5-hydroxy-2(5H)-furanone) Myclobutanil	developmental, male	88671-89-0	April 16, 1999
beta-Myrcene	cancer	123-35-3	March 27, 2015
,,			, — · · · ·
Nabam	developmental	142-59-6	March 30, 1999
Nafarelin acetate	developmental	86220-42-0	April 1, 1990
Nafenopin	cancer	3771-19-5	April 1, 1988
Nalidixic acid	cancer	389-08-2	May 15, 1998
Naphthalene	cancer	91-20-3	April 19, 2002
1-Naphthylamine	cancer	134-32-7	October 1, 1989
2-Naphthylamine	cancer	91-59-8	February 27, 1987
Neomycin sulfate (internal use)	developmental	1405-10-3	October 1, 1992
Netilmicin sulfate	developmental	56391-57-2	July 1, 1990
Nickel (Metallic)	cancer	7440-02-0	October 1, 1989
Nickel acetate	cancer	373-02-4	October 1, 1989
Nickel carbonate	cancer	3333-67-3	October 1, 1989
Nickel carbonyl	cancer	13463-39-3	October 1, 1987
Nickel carbonyl	developmental	13463-39-3	September 1, 1996
Nickel compounds	cancer	 12054-48-7;	May 7, 2004
Nickel hydroxide	cancer	12125-56-3	October 1, 1989
Nickelocene	cancer	1271-28-9	October 1, 1989
Nickel oxide	cancer	1313-99-1	October 1, 1989
Nickel refinery dust from the	cancer		October 1, 1987
pyrometallurgical process	34,7337		3000001 1, 1001
Nickel subsulfide	cancer	12035-72-2	October 1, 1987
Nicotine	developmental	54-11-5	April 1, 1990
Nifedipine	developmental, female,	21829-25-4	January 29, 1999
•	male		•
Nimodipine	developmental	66085-59-4	April 24, 2001
Niridazole	cancer	61-57-4	April 1, 1988
Nitrapyrin	cancer	1929-82-4	October 5, 2005
Nitrapyrin	developmental	1929-82-4	March 30, 1999
Nitrilotriacetic acid	cancer	139-13-9	January 1, 1988
Nitrilotriacetic acid, trisodium	cancer	18662-53-8	April 1, 1989
salt monohydrate	cancor	602-87-9	April 1 1000
5-Nitroacenaphthene 5-Nitro-o-anisidine	cancer <del>cancer</del>	99-59-2	April 1, 1988 October 1, 1989
Delisted December 8, 2006	<del>oanoor</del>		<del>5010501 1, 1000</del>
o-Nitroanisole	cancer	91-23-6	October 1, 1992
Nitrobenzene	cancer	98-95-3	August 26, 1997
Nitrobenzene	male	98-95-3	March 30, 2010
4-Nitrobiphenyl	cancer	92-93-3	April 1, 1988
6-Nitrochrysene	cancer	7496-02-8	October 1, 1990
Nitrofen (technical grade)	cancer	1836-75-5	January 1, 1988
2-Nitrofluorene	cancer	607-57-8	October 1, 1990
Nitrofurantoin	male	67-20-9	April 1, 1991
Nitrofurazone	cancer	59-87-0	January 1, 1990
1-[(5-Nitrofurfurylidene)-amino]-	cancer	555-84-0	April 1, 1988

2 imidazalidinana			
2-imidazolidinone N-[4-(5-Nitro-2-furyl)-2-thiazolyl]	cancer	531-82-8	April 1, 1988
acetamide	Carroer	331-02-0	April 1, 1300
Nitrogen mustard	cancer	51-75-2	January 1, 1988
(Mechlorethamine)			· ,
Nitrogen mustard ´	developmental	51-75-2	January 1, 1989
(Mechlorethamine)			-
Nitrogen mustard hydrochloride	cancer	55-86-7	April 1, 1988
(Mechlorethamine hydrochloride)	de velemmentel	<i>EE</i> 00 7	L.L. 4 4000
Nitrogen mustard hydrochloride	developmental	55-86-7	July 1, 1990
(Mechlorethamine hydrochloride) Nitrogen mustard N-oxide	cancer	126-85-2	April 1, 1988
Nitrogen mustard N-oxide	cancer	302-70-5	April 1, 1988
hydrochloride	Garroon	002 10 0	71011 1, 1000
Nitromethane	cancer	75-52-5	May 1, 1997
2-Nitropropane	cancer	79-46-9	January 1, 1988
1-Nitropyrene	cancer	5522-43-0	October 1, 1990
4-Nitropyrene	cancer	57835-92-4	October 1, 1990
N-Nitrosodi- <i>n</i> -butylamine	cancer	924-16-3	October 1, 1987
N-Nitrosodiethanolamine	cancer	1116-54-7	January 1, 1988
N-Nitrosodiethylamine	cancer	55-18-5	October 1, 1987
N-Nitrosodimethylamine	cancer	62-75-9 156 10 5	October 1, 1987
<i>p</i> -Nitrosodiphenylamine N-Nitrosodiphenylamine	cancer cancer	156-10-5 86-30-6	January 1, 1988 April 1, 1988
N-Nitrosodi- <i>n</i> -propylamine	cancer	621-64-7	January 1, 1988
N-Nitroso-N-ethylurea	cancer	759-73-9	October 1, 1987
3-(N-Nitrosomethylamino)-	cancer	60153-49-3	April 1, 1990
propionitrile			
4-(N-Nitrosomethylamino)-1-	cancer	64091-91-4	April 1, 1990
(3-pyridyl)1-butanone			
N-Nitrosomethyl- <i>n</i> -butylamine	cancer	7068-83-9	December 26, 2014
N-Nitrosomethyl- <i>n</i> -decylamine	cancer	75881-22-0	December 26, 2014
N-Nitrosomethyl- <i>n</i> -dodecylamine	cancer	55090-44-3	December 26, 2014
N-Nitrosomethylethylamine	cancer	10595-95-6	October 1, 1989
N-Nitrosomethyl- <i>n</i> -heptylamine	cancer	16338-99-1	December 26, 2014
N-Nitrosomethyl- <i>n</i> -hexylamine	cancer	28538-70-7	December 26, 2014
N-Nitrosomethyl- <i>n</i> -nonylamine	cancer	75881-19-5	December 26, 2014
N-Nitrosomethyl- <i>n</i> -octylamine	cancer	34423-54-6	December 26, 2014
N-Nitrosomethyl- <i>n</i> -pentylamine N-Nitrosomethyl- <i>n</i> -propylamine	cancer	13256-07-0 924-46-9	December 26, 2014 December 26, 2014
N-Nitrosomethyl- <i>n</i> -tetradecylamine	cancer cancer	75881-20-8	December 26, 2014
N-Nitrosomethyl- <i>n</i> -undecylamine	cancer	68107-26-6	December 26, 2014
N-Nitroso-N-methylurea	cancer	684-93-5	October 1, 1987
N-Nitroso-N-methylurethane	cancer	615-53-2	April 1, 1988
N-Nitrosomethylvinylamine	cancer	4549-40-0	January 1, 1988
N-Nitrosomorpholine	cancer	59-89-2	January 1, 1988
N-Nitrosonornicotine	cancer	16543-55-8	January 1, 1988
N-Nitrosopiperidine	cancer	100-75-4	January 1, 1988
N-Nitrosopyrrolidine	cancer	930-55-2	October 1, 1987
N-Nitrososarcosine	cancer	13256-22-9	January 1, 1988
o-Nitrotoluene	cancer	88-72-2	May 15, 1998
Nitrous oxide	developmental, female	10024-97-2	August 1, 2008
Norethisterone (Norethindrone)	cancer	68-22-4	October 1, 1989
Norethisterone (Norethindrone)	developmental	68-22-4	April 1, 1990
Norethisterone acetate	developmental	51-98-9	October 1, 1991
(Norethindrone acetate)	davalanmantal	60.00.4/	A mail 1 1000
Norethisterone (Norethindrone)	developmental	68-22-4/	April 1, 1990

/Ethinyl estradiol Norethisterone (Norethindrone)/Mestranol Norethynodrel Norgestrel	developmental cancer developmental	57-63-6 68-22-4/ 72-33-3 68-23-5 6533-00-2	April 1, 1990 February 27, 2001 April 1, 1990
Ochratoxin A Oil Orange SS Oral contraceptives, combined Oral contraceptives, sequential Oryzalin Oxadiazon Oxadiazon Oxazepam Oxazepam p,p'-Oxybis(benzenesulfonyl	cancer cancer cancer cancer cancer cancer cancer developmental developmental	303-47-9 2646-17-5  19044-88-3 19666-30-9 19666-30-9 604-75-1 604-75-1 80-51-3	July 1, 1990 April 1, 1988 October 1, 1989 October 1, 1989 September 12, 2008 July 1, 1991 May 15, 1998 October 1, 1994 October 1, 1992 August 7, 2009
hydrazide) Delisted December 13, 2013 Oxydemeton methyl Oxymetholone Oxymetholone Oxytetracycline (internal use) Oxytetracycline hydrochloride (internal use) Oxythioquinox (Chinomethionat)	female, male cancer developmental developmental cancer	301-12-2 434-07-1 434-07-1 79-57-2 2058-46-0 2439-01-2	November 6, 1998 January 1, 1988 May 1, 1997 January 1, 1991 October 1, 1991 August 20, 1999
Oxythioquinox (Chinomethionat)  Paclitaxel	developmental, female,	2439-01-2 33069-62-4	November 6, 1998  August 26, 1997
Palygorskite fibers (> 5□m in length)	male cancer	12174-11-7	December 28, 1999
Panfuran S Paramethadione Parathion Penicillamine Pentabromodiphenyl ether mixture	cancer developmental cancer developmental cancer	794-93-4 115-67-3 56-38-2 52-67-5 	January 1, 1988 July 1, 1990 May 20, 2016 January 1, 1991 July 7, 2017
Paramethadione Parathion Penicillamine	developmental cancer developmental	115-67-3 56-38-2	July 1, 1990 May 20, 2016 January 1, 1991

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o-Phenylenediamine and its salts	cancer	95-54-5	May 15, 1998
Phenyl glycidyl ether	cancer	122-60-1	October 1, 1990
Phenyl glycidyl ether	<del>male</del>	122-60-1	August 7, 2009
Delisted April 4, 2014 Phenylhydrazine and its salts o-Phenylphenate, sodium	cancer	 132-27-4	July 1, 1992 January 1, 1990
o-Phenylphenol	cancer	90-43-7	August 4, 2000
Phenylphosphine	<del>developmental</del> male	638-21-1	August 7, 2009
PhiP(2-Amino-1-methyl-6-	cancer	105650-23-5	October 1, 1994
phenylimidazol[4,5-b]pyridine) Pimozide Pioglitazone	developmental, female cancer	2062-78-4 111025-46-8	August 20, 1999 April 18, 2014
Pipobroman	developmental	54-91-1	Jùly 1, 1990
Pirimicarb	cancer	23103-98-2	July 1, 2008
Plicamycin	developmental	18378-89-7	April 1, 1990
Polybrominated biphenyls Polybrominated biphenyls Polychlorinated biphenyls	cancer developmental cancer		January 1, 1988 October 1, 1994 October 1, 1989
Polychlorinated biphenyls Polychlorinated biphenyls	developmental cancer	 	January 1, 1988 January 1, 1988
(containing 60 or more percent chlorine by molecular weight) Polychlorinated dibenzo-p-dioxins	cancer		October 1, 1992
Polychlorinated dibenzofurans	cancer		October 1, 1992
Polygeenan	cancer	53973-98-1	January 1, 1988
Ponceau MX	cancer	3761-53-3	April 1, 1988
Ponceau 3R Potassium bromate Potassium dimethyldithiocarbamate	cancer	3564-09-8	April 1, 1988
	cancer	7758-01-2	January 1, 1990
	developmental	128-03-0	March 30 1999
Pravastatin sodium Prednisolone sodium phosphate Primidone	developmental	81131-70-6	March 3, 2000
	developmental	125-02-0	August 20, 1999
	cancer	125-33-7	August 20, 1999
Procarbazine Procarbazine hydrochloride	cancer cancer developmental	671-16-9 366-70-1	January 1, 1988 January 1, 1988 July 1, 1990
Procymidone	cancer	32809-16-8	October 1, 1994
Progesterone	cancer	57-83-0	January 1, 1988
Pronamide	cancer	23950-58-5	May 1, 1996
Propachlor 1,3-Propane sultone	cancer cancer	1918-16-7 1120-71-4 2312-35-8	February 27, 2001 January 1, 1988
Propargite Propagine Propagine	cancer developmental developmental, female	2312-35-8 139-40-2	October 1, 1994 June 15, 1999 July 15, 2016
beta-Propiolactone Propoxur Propylene glycol mono- <i>t</i> -butyl ether	cancer	57-57-8	January 1, 1988
	cancer	114-26-1	August 11, 2006
	cancer	57018-52-7	June 11, 2004
Propylene oxide	cancer	75-56-9	October 1, 1988
Propylthiouracil	cancer	51-52-5	January 1, 1988
Propylthiouracil	developmental	51-52-5	July 1, 1990
Pulegone	cancer	89-82-7	April 18, 2014
Pymetrozine	cancer	123312-89-0	March 22, 2011
Pyridine	cancer	110-86-1	May 17, 2002
Pyrimethamine	developmental	58-14-0	January 29, 1999
Quazepam	developmental	36735-22-5	August 26, 1997
Quinoline and its strong acid salts	cancer		October 24, 1997

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Quizalofop-ethyl	male	76578-14-8	December 24, 1999
Radionuclides Reserpine Residual (heavy) fuel oils Resmethrin Resmethrin Retinol/retinyl esters, when in daily dosages in excess of 10,000 IU, or 3,000 retinol equivalents. (NOTE: Retinol/retinyl esters are required and essential for maintenance of normal reproductive function. The recommended daily level during pregnancy is 8,000 IU.)	cancer cancer cancer cancer developmental developmental	 50-55-5  10453-86-8 10453-86-8 	July 1, 1989 October 1, 1989 October 1, 1990 July 1, 2008 November 6, 1998 July 1, 1989
Ribavirin Ribavirin Riddelliine Rifampin	developmental male cancer developmental, female	36791-04-5 36791-04-5 23246-96-0 13292-46-1	April 1, 1990 February 27, 2001 December 3, 2004 February 27, 2001
Saccharin Delisted April 6, 2001 Saccharin, sodium Polisted January 17, 2003	<del>cancer</del> <del>cancer</del>	81-07-2 128-44-9	October 1, 1989 January 1, 1988
Delisted January 17, 2003 Safrole Salted fish, Chinese-style Secobarbital sodium Sedaxane Selenium sulfide Sermorelin acetate Shale-oils Silica, crystalline (airborne particles	cancer cancer developmental cancer cancer developmental cancer cancer	94-59-7  309-43-3 874967-67-6 7446-34-6  68308-34-9	January 1, 1988 April 29, 2011 October 1, 1992 July 1, 2016 October 1, 1989 August 20, 1999 April 1, 1990 October 1, 1988
of respirable size) Simazine Sodium dimethyldithiocarbamate Sodium fluoroacetate Soots, tars, and mineral oils (untreated and mildly treated oils and used engine oils)	developmental, female developmental male cancer	122-34-9 128-04-1 62-74-8 	July 15, 2016 March 30 1999 November 6, 1998 February 27, 1987
Spirodiclofen Spironolactone Stanozolol Sterigmatocystin Streptomycin sulfate Streptozocin (streptozotocin)	cancer cancer cancer cancer cancer developmental developmental, female, male	148477-71-8 52-01-7 10418-03-8 10048-13-2 3810-74-0 18883-66-4	October 8, 2010 May 1, 1997 May 1, 1997 April 1, 1988 January 1, 1991 August 20, 1999
Streptozotocin (streptozocin) Strong inorganic acid mists containing sulfuric acid	cancer cancer	18883-66-4 	January 1, 1988 March 14, 2003
Styrene Styrene oxide Sulfallate Sulfasalazine (Salicylazosulfapyridine)	cancer cancer cancer cancer	100-42-5 96-09-3 95-06-7 599-79-1	April 22, 2016 October 1, 1988 January 1, 1988 May 15, 1998
Sulfasalazine	male	599-79-1	January 29, 1999
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developmental developmental, female	7446-09-5 38194-50-2	July 29, 2011 January 29, 1999
cancer cancer developmental developmental developmental developmental cancer cancer cancer developmental developmental developmental cancer cancer cancer	10540-29-1 54965-24-1 846-50-4 29767-20-2 5902-51-2 52232-67-4 2593-15-9 58-22-0 58-20-8 315-37-7 79-94-7 14047-09-7 1746-01-6	April 1, 1990 September 1, 1996 July 1, 1990 April 1, 1990 September 1, 1996 May 18, 1999 August 14, 2015 October 1, 1994 April 1, 1988 October 1, 1991 April 1, 1990 October 27, 2017 July 24, 2012 January 1, 1988
developmental	1746-01-6	April 1, 1991
cancer cancer cancer	630-20-6 79-34-5 127-18-4	September 13, 2013 July 1, 1990 April 1, 1988
cancer cancer developmental developmental developmental	5216-25-1 22248-79-9 60-54-8  64-75-5	January 1, 1990 May 20, 2016 October 1, 1991 October 1, 1992 January 1, 1991
cancer cancer developmental cancer cancer cancer developmental female, male cancer cancer cancer cancer cancer cancer	116-14-3 509-14-8 50-35-1 62-55-5 139-65-1 59669-26-0 154-42-7 23564-05-8 141-90-2 62-56-6 1314-20-1	May 1, 1997 July 1, 1990 July 1, 1987 January 1, 1988 April 1, 1988 August 20, 1999 July 1, 1990 May 18, 1999 June 11, 2004 January 1, 1988 February 27, 1987 September 2, 2011
cancer		April 1, 1988
cancer developmental, female,		April 1, 1988 April 1, 1988
developmental developmental	49842-07-1 108-88-3	July 1, 1990 January 1, 1991 <del>August 7, 2009</del>
cancer cancer cancer	26471-62-5 95-53-4 636-21-5	October 1, 1989 January 1, 1988 January 1, 1988
	cancer cancer developmental developmental developmental developmental cancer cancer cancer developmental developmental developmental cancer cancer cancer cancer cancer cancer cancer developmental developmental developmental developmental developmental cancer	developmental, female         38194-50-2           cancer

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para-Toluidine	cancer	<del>106-49-0</del>	January 1, 1990
Delisted October 29, 1999			
Topiramate	developmental	97240-79-4	November 27, 2015
Toxaphene (Polychlorinated	cancer	8001-35-2	January 1, 1988
camphenes)			• •
Toxins derived from <i>Fusarium</i>	cancer		August 7, 2009
	caricei		7 (agast 7 , 2000
Moniliforme (Fusarium			
_verticillioides)		000 75 0	E : 07 4007
Treosulfan	cancer	299-75-2	February 27, 1987
Triadimefon	developmental, female,	43121-43-3	March 30, 1999
	male		
Triamterene	cancer	396-01-0	April 18, 2014
Triazolam	developmental	28911-01-5	April 1, 1990
S,S,S-Tributyl phosphorotrithioate	cancer	78-48-8	February 25, 2011
	Caricei	10-40-0	rebidary 25, 2011
(Tribufos, DEF)		0455 70 0	Danasahar 4, 4000
Tributyltin methacrylate	developmental	2155-70-6	December 1, 1999
Trichlormethine (Trimustine	cancer	817-09-4	January 1, 1992
hydrochloride)			
Trichloroacetic acid	cancer	76-03-9	September 13, 2013
Trichloroethylene	cancer	79-01-6	April 1, 1988
Trichloroethylene	developmental, male	79-01-6	January 31, 2014
	•		
2,4,6-Trichlorophenol	cancer	88-06-2	January 1, 1988
1,2,3-Trichloropropane	cancer	96-18-4	October 1,1992
Trientine hydrochloride	developmental	38260-01-4	February 27, 2001
Triforine	developmental	26644-46-2	June 18, 1999
1,3,5-Triglycidyl-s-triazinetrione	male	<del>2451-62-9</del>	August 7, 2009
Delisted December 13, 2013			,
Trilostane	developmental	13647-35-3	April 1, 1990
Trimethadione	developmental	127-48-0	January 1, 1991
	•	121-40-0	
2,4,5-Trimethylaniline and	cancer		October 24, 1997
_its strong acid salts		E40 E0 4	
Trimethyl phosphate	cancer	512-56-1	May 1, 1996
Trimetrexate glucuronate	developmental	82952-64-5	August 26, 1997
2,4,6-Trinitrotoluene (TNT)	cancer	118-96-7	December 19, 2008
Triphenyltin hydroxide	cancer	76-87-9	July 1, 1992
Triphenyltin hydroxide	developmental	76-87-9	March 18, 2002
Tris(aziridinyl)-p-benzoquinone	cancer	68-76-8	October 1, 1989
(Trioniano)	<del>Garroor</del>	<del></del>	<del>900001 1, 1000</del>
(Triaziquone)			
Delisted December 8, 2006		50.04.4	
Tris(1-aziridinyl)phosphine	cancer	52-24-4	January 1, 1988
sulfide (Thiotepa)			
Tris(2-chloroethyl) phosphate	cancer	115-96-8	April 1, 1992
Tris(2,3-dibromopropyl)phosphate	cancer	126-72-7	January 1, 1988
Tris(1,3-dichloro-2-propyl)	cancer	13674-87-8	October 28, 2011
phosphate (TDCPP)	carroor	10011010	000001 20, 2011
	cancar	62450-06-0	April 1 1000
Trp-P-1 (Tryptophan-P-1)	cancer		April 1, 1988
Trp-P-2 (Tryptophan-P-2)	cancer	62450-07-1	April 1, 1988
Trypan blue (commercial grade)	cancer	72-57-1	October 1, 1989
Unleaded gasoline (wholly	cancer		April 1, 1988
vaporized)			• ,
Uracil mustard	cancer	66-75-1	April 1, 1988
Oldon madara		30 10 1	•
	developmental, female,		January 1, 1992
	male	E 4 E 0 C	
Urethane (Ethyl carbamate)	cancer	51-79-6	January 1, 1988

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Urofollitropin	developmental developmental	97048-13-0	October 1, 1994 April 1, 1990
Valproate (Valproic acid) Vanadium pentoxide (orthorhombic crystalline form)	developmental cancer	99-66-1 1314-62-1	July 1, 1987 February 11, 2005
Vinblastine sulfate Vinclozolin	developmental cancer developmental	143-67-9 50471-44-8	July 1, 1990 August 20, 1999 May 15, 1998
Vincristine sulfate Vinyl bromide Vinyl chloride 4-Vinylcyclohexene 4-Vinyl-cyclohexene 4-Vinyl-1-cyclohexene diepoxide (Vinyl cyclohexene dioxide)	developmental cancer cancer cancer female, male cancer	2068-78-2 593-60-2 75-01-4 100-40-3 100-40-3 106-87-6	July 1, 1990 October 1, 1988 February 27, 1987 May 1, 1996 August 7, 2009 July 1, 1990
Vinyl cyclonexene dioxide  (4-Vinyl-1-cyclohexene diepoxide)	female, <del>male</del>	106-87-6	August 1, 2008
Vinyl fluoride Vinyl trichloride (1,1,2- Trichloroethane)	cancer cancer	75-02-5 79-00-5	May 1, 1997 October 1, 1990
Vismodegib	developmental, female, male	879085-55-9	January 27, 2017
Warfarin Wood dust	developmental cancer	81-81-2 	July 1, 1987 December 18, 2009
2,6-Xylidine (2,6-Dimethylaniline)	cancer	87-62-7	January 1, 1991
Zalcitabine Zidovudine (AZT) Zileuton	cancer cancer cancer, developmental, female	7481-89-2 30516-87-1 111406-87-2	August 7, 2009 December 18, 2009 December 22, 2000

Zineb Delisted October 29, 1999

Date: November 10, 2017